

DERWENT-ACC-NO: 1997-502744  
DERWENT-WEEK: 200104  
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TITLE: Vaccinating with antigen-containing cells treated with opsonins - to modulate the immune response to exogenous and indigenous antigens, useful in the treatment of tumours or microbial pathogens

INVENTOR: SEGAL, A H

PRIORITY-DATA: 1996US-0014364 (March 28, 1996), 1997US-0826259 (March 27, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2000516911 W	December 19, 2000	N/A	068	A61K039/00
WO 9735619 A1	October 2, 1997	E	057	A61K045/00
AU 9725518 A	October 17, 1997	N/A	000	A61K045/00
EP 921816 A1	June 16, 1999	E	000	A61K045/00
US 5951976 A	September 14, 1999	N/A	000	A61K038/00
BR 9708387 A	January 4, 2000	N/A	000	A61K045/00
MX 9807811 A1	August 1, 1999	N/A	000	A61K045/00

INT-CL (IPC): A01N 63/00; A61K 31/7088; A61K 35/12; A61K 35/56; A61K 38/00; A61K 39/00; A61K 39/395; A61K 45/00; A61K 45/05; A61K 47/00; A61K 48/00; A61P 31/04; A61P 31/10; A61P 31/12; A61P 33/00; A61P 35/00; A61P 37/06 ; C12N 5/06; C12N 5/10; C12N 9/00; C12N 15/09; C12P 21/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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Generate Collection

Term	Documents
OPSONIN.DWPI,EPAB,JPAB.	27
OPSONINS.DWPI,EPAB,JPAB.	3
ENHANCED.DWPI,EPAB,JPAB.	160531
ENHANCEDS	0
CELL\$	0
CELL.DWPI,EPAB,JPAB.	407846
CELLA.DWPI,EPAB,JPAB.	309
CELLABIOSE.DWPI,EPAB,JPAB.	1
CELLACEPHATE.DWPI,EPAB,JPAB.	1
CELLACROSS.DWPI,EPAB,JPAB.	1
(OPSONIN ADJ ENHANCED ADJ CELL\$ ).JPAB,EPAB,DWPI.	2

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Documents, starting with Document:

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Search for additional matches among the next 2000 terms

**Search Results -**

Term	Documents
OPSONIN.USPT,PGPB.	102
OPSONINS.USPT,PGPB.	84
MANNOSE.USPT,PGPB.	9452
MANNOSES.USPT,PGPB.	20
BINDING.USPT,PGPB.	137426
BINDINGS.USPT,PGPB.	4111
C3B.USPT,PGPB.	525
C3BS	0
CELL\$	0
CELL.USPT,PGPB.	287888
.....	
CELL\$(CELLS-AT).USPT,PGPB.	pickup term
((OPSONIN OR MANNOSE ADJ BINDING OR C3B) SAME (CELL\$) SAME (VACCIN\$ OR ADJUVANT\$)).USPT,PGPB.	16

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Database:

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US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Refine Search:

(opsonin or mannose adj binding or c3b)  
same (cell\$) same (vaccin\$ or adjuvant\$)

[Clear](#)**Search History**

**. Today's Date: 6/4/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB	(opsonin or mannose adj binding or c3b) same (cell\$) same (vaccin\$ or adjuvant\$)	16	<u>L6</u>
USPT,PGPB	opsonin adj enhanced adj cell\$	1	<u>L5</u>
JPAB,EPAB,DWPI	opsonin adj enhanced adj cell\$	2	<u>L4</u>
JPAB,EPAB,DWPI	(opsonin or mannose adj binding or c3b) same (cell\$) same (vaccin\$ or adjuvant\$)	3	<u>L3</u>
JPAB,EPAB,DWPI	segal-andrew\$	5	<u>L2</u>
USPT,PGPB	segal-andrew\$	4	<u>L1</u>

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**Search Results -**

Term	Documents
ANTIBOD\$	0
ANTIBOD.USPT,PGPB.	226
ANTIBODAY.USPT,PGPB.	1
ANTIBODEES.USPT,PGPB.	1
ANTIBODEIS.USPT,PGPB.	1
ANTIBODES.USPT,PGPB.	46
ANTIBODEY.USPT,PGPB.	1
ANTIBODFIES.USPT,PGPB.	1
ANTIBODI.USPT,PGPB.	1
ANTIBODIC.USPT,PGPB.	3
.....	
ANTIBOD\$(ANTIBODY/ADRIAMYCN).USPT,PGPB.	pickup term
((ANTIBOD\$) SAME ('LIPID-LINKED') ).USPT,PGPB.	8

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JPO Abstracts Database  
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Derwent World Patents Index  
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**Refine Search:**

(antibod\$) same ('lipid-linked')

[Clear](#)**Search History****Today's Date: 6/4/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB	(antibod\$) same ('lipid-linked')	8	<u>L9</u>
USPT,PGPB	(anti adj cd40 or 'anti-cd40') same (agonist\$\$)	5	<u>L8</u>
USPT,PGPB	(anti adj cd40 or 'anti-cd40') same (antibod\$) same (vaccin\$ or adjuvant\$)	4	<u>L7</u>
USPT,PGPB	(opsonin or mannose adj binding or c3b) same (cell\$) same (vaccin\$ or adjuvant\$)	16	<u>L6</u>
USPT,PGPB	opsonin adj enhanced adj cell\$	1	<u>L5</u>
JPAB,EPAB,DWPI	opsonin adj enhanced adj cell\$	2	<u>L4</u>
JPAB,EPAB,DWPI	(opsonin or mannose adj binding or c3b) same (cell\$) same (vaccin\$ or adjuvant\$)	3	<u>L3</u>
JPAB,EPAB,DWPI	segal-andrew\$	5	<u>L2</u>
USPT,PGPB	segal-andrew\$	4	<u>L1</u>

r (File 756)  
\*\*\*The Mirror Group Publication (United Kingdom) (File 757)  
\*\*\*Reter Bine Inight (File 759)

UPDATING RESUMED

\*\*\*Delphe European Bine (File 481)  
\*\*\*Extel Financial Card from Primark (File 500)  
\*\*\*Book In Print (File 470)  
\*\*\*Extel New Card from Primark (File 501)  
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\*\*\*Kompa Asia/Pacific (File 592)  
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\*\*\*EconBase (File 565)

New pricing structure for Pharmaprojects (Files 128/928) from April 1, 2001. Check Help News128 or Help News928 for further information.

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Set	Items	Description
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? b 410

>>>'IALOG' not recognized as set or accession number  
? set hi ;set hi

04jun01 16:39:05 User208760 Session D1856.1		
\$0.41	0.117	DialUnits File1
\$0.41		Estimated cost File1
\$0.05		TYMNET
\$0.46		Estimated cost this search
\$0.46		Estimated total session cost
	0.117	DialUnits

File 410:Chronolog(R) 1981-2001/Apr  
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Set	Items	Description
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HIGHLIGHT set on as ''

HILIGHT set on as ''

? begin 5,73,155,399

04jun01 16:39:13 User208760 Session D1856.2  
\$0.00 0.056 DialUnits File410  
\$0.00 Estimated cost File410  
\$0.01 TYMNET  
\$0.01 Estimated cost this search  
\$0.47 Estimated total session cost 0.173 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2001/May W4

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File 73:EMBASE 1974-2001/May W4

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\*File 73: For information about Explode feature please  
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File 155:MEDLINE(R) 1966-2001/Jun W1

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File 399:CA SEARCH(R) 1967-2001/UD=13423

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RANK charge added; see HELP RATES 399.

Set Items Description

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? e au=segal andrew\$

Ref	Items	Index-term
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E2	2	AU=SEGAL ANDREW H
E3	0	*AU=SEGAL ANDREW\$
E4	1	AU=SEGAL ANITA
E5	2	AU=SEGAL ANTHONY
E6	44	AU=SEGAL ANTHONY W
E7	1	AU=SEGAL ANTONY W
E8	1	AU=SEGAL ARIE
E9	1	AU=SEGAL ARTHUR I
E10	1	AU=SEGAL ARTHUR J
E11	39	AU=SEGAL AS
E12	9	AU=SEGAL AT

Enter P or PAGE for more

? s e2

S1 2 AU="SEGAL ANDREW H"  
? t s1/3/all

1/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12252156 BIOSIS NO.: 200000005658

Opsonin-enhanced cells, and methods of modulating an immune response to an antigen.

AUTHOR: Segal Andrew H(a

AUTHOR ADDRESS: (a)Boston Biomedical Research Institute, Boston, MA\*\*USA

JOURNAL: Official Gazette of the United States Patent and Trademark Office

Patents 1226 (2):pNo pagination Sep. 14, 1999

ISSN: 0098-1133

DOCUMENT TYPE: Patent

RECORD TYPE: Citation

LANGUAGE: English



1/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10316585 BIOSIS NO.: 199698771503

Anatomic predilection of the spondyloarthropathies-A case of the nerves?

AUTHOR: **Segal Andrew H**

AUTHOR ADDRESS: Arthritis Unit, Massachusetts Gen. Hosp., Boston, MA 02114

\*\*USA

JOURNAL: Journal of Rheumatology 23 (3):p491-494 1996

ISSN: 0315-162X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

? s (llipid(w)linked opsonin(W)enhanced)(20n) (antibod\$) (20n)(adjuvant\$ or vacci>)?

>>>Character ")" in invalid position

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>>>Invalid syntax

? s (lipid(w)linked or opsonin(W)enhanced)(20n) (antibod\$) (20n)(adjuvant\$ or vacci?)

608235 LIPID  
509968 LINKED  
1953 LIPID(W)LINKED  
2870 OPSONIN  
605595 ENHANCED  
5 OPSONIN(W)ENHANCED  
0 ANTIBOD\$  
0 ADJUVANT\$

322222 VACCI?

S2 0 (LIPID(W)LINKED OR OPSONIN(W)ENHANCED)(20N) (ANTIBOD\$)  
(20N)(ADJUVANT\$ OR VACCI?)

? s (lipid(w)linked or opsonin(W)enhanced)(20n) (antibod\$)

608235 LIPID  
509968 LINKED  
1953 LIPID(W)LINKED  
2870 OPSONIN  
605595 ENHANCED  
5 OPSONIN(W)ENHANCED  
0 ANTIBOD\$

S3 0 (LIPID(W)LINKED OR OPSONIN(W)ENHANCED)(20N) (ANTIBOD\$)

? s (lipid(w)linked or opsonin(W)enhanced)(and20n) (antibod\$)

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608235 LIPID  
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SYSTEM:OS - DIALOG OneSearch  
File 5:Biosis Previews(R) 1969-2001/May W4  
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RANK charge added; see HELP RATES 399.

Set Items Description

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? e au=segal andrew\$

Ref	Items	Index-term
E1	3	AU=SEGAL ANDREI
E2	2	AU=SEGAL ANDREW H
E3	0	*AU=SEGAL ANDREWS
E4	1	AU=SEGAL ANITA
E5	2	AU=SEGAL ANTHONY
E6	44	AU=SEGAL ANTHONY W
E7	1	AU=SEGAL ANTONY W
E8	1	AU=SEGAL ARIE
E9	1	AU=SEGAL ARTHUR I
E10	1	AU=SEGAL ARTHUR J
E11	39	AU=SEGAL AS
E12	9	AU=SEGAL AT

Enter P or PAGE for more

? s e2

S1 2 AU="SEGAL ANDREW H"  
? t s1/3/all

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12252156 BIOSIS NO.: 200000005658  
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AUTHOR: Segal Andrew H(a  
AUTHOR ADDRESS: (a)Boston Biomedical Research Institute, Boston, MA\*\*USA  
JOURNAL: Official Gazette of the United States Patent and Trademark Office  
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10316585 BIOSIS NO.: 199698771503

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AUTHOR: Segal Andrew H

AUTHOR ADDRESS: Arthritis Unit, Massachusetts Gen. Hosp., Boston, MA 02114

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5 OPSONIN(W) ENHANCED  
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